

NEW

purple
mash

Purple Mash Computing Scheme: Refreshed & Refined



Purple Mash Computing Scheme – Refreshed & Refined

Below is the new Long-Term Plan for the refreshed and refined Purple Mash Computing Scheme. It is a suggested plan for schools to follow based on **36 hours teaching a year**. There are also additional units should you wish to replace units in the scheme or teach computing for more than 36 hours. This plan has been designed for a single form entry setting. Please click [here for information on mixed age planning](#).

The scheme has been refreshed and refined as part of 2Simple's drive to continually improve and provide quality resources, taking into account new guidelines and initiatives. The new scheme utilises new and improved Purple Mash tools and is reflective of ongoing feedback from teachers and pupils.

As before, the refined and refreshed scheme consists of teaching presentations, all resources and tools.

The current scheme will remain in its entirety until July 2026, giving you time to integrate the new scheme into your school.

Key Changes:

- To embed the teaching of online safety throughout the school year and across the wider curriculum, online safety objectives are now delivered using **2BeSafe – Being Safe in a Digital World**. This scheme, aligned to Education for a Connected World, includes short, focussed sessions which can last around 15 minutes. Sessions from 2BeSafe could also be delivered as part of the RSE and PSHE curriculum. In light of this, the previous online safety units have been removed from the Purple Mash Computing Scheme. More information on the delivery of 2BeSafe can be found [here](#).
- Some unit themes have been moved to different years to better meet the needs and abilities of the children. For example, further aligning data concepts to the maths curriculum.
- We have adjusted the numbers of lessons in some units. Some lessons have been refined and reduced, whilst other objectives have been extended to be covered in greater depth.
- New units have been added to the scheme. Some of these reflect the new tools added to Purple Mash and others reflect changes in education and curriculum priorities.
- There are “Introduction to Purple Mash” units in each year group for schools new to Purple Mash. These allow new subscribers to introduce the platform to children at any point throughout the school year.

Year 1

■ Information Technology
 ■ Computer Science
 ■ Digital Literacy

Unit Title	Introduction to PM *	Creative Computing *	Data Explorers *	Creating & Following Instructions *	Animated Stories *	Coding	Technology Around Us *	Making Beats *
Lessons	3	4	6	3	6	6	4	4
Online Safety - Delivered throughout the year using 2BeSafe - Being Safe in a Digital World								

Year 2

■ Information Technology
 ■ Computer Science
 ■ Digital Literacy

Unit Title	Route Explorers *	The Internet *	Creating Pictures *	Spreadsheets *	Questioning *	Coding	Presenting Ideas	Making Music *
Lessons	4	4	5	6	4	6	4	3
Online Safety - Delivered throughout the year using 2BeSafe - Being Safe in a Digital World								

Additional Units	Introduction to Purple Mash *
Lessons	3

Year 3

■ Information Technology
 ■ Computer Science
 ■ Digital Literacy

Unit Title	Email *	Route Planners *	Branching Databases *	Spreadsheets *	Coding	Presentations <small>(Microsoft, Apple & Google)</small>	Touch Typing *
Lessons	6	5	4	6	6	5	4
Online Safety - Delivered throughout the year using 2BeSafe - Being Safe in a Digital World							

Additional Units	Introduction to Purple Mash *	micro:bits *
Lessons	2	4

Year 4

■ Information Technology
 ■ Computer Science
 ■ Digital Literacy

Unit Title	Unpacking Hardware & Software *	Animation *	Logo *	Sound Stories *	Effective Searching *	Coding	Composing Beats *	Introduction to AI
Lessons	4	6	4	4	4	6	4	4
Online Safety - Delivered throughout the year using 2BeSafe - Being Safe in a Digital World								

Additional Units	Introduction to Purple Mash *	micro:bits *
Lessons	2	4

Year 5

■ Information Technology
 ■ Computer Science
 ■ Digital Literacy

Unit Title	Quizzing *	Databases *	Game Creator *	Spreadsheets	Coding	Word Processing (Microsoft, Apple & Google)	Concept Maps
Lessons	5	4	5	6	6	6	4
Online Safety - Delivered throughout the year using 2BeSafe - Being Safe in a Digital World							

Additional Units	Introduction to Purple Mash *	Coding: External Devices *	micro:bits *
Lessons	2	6	4

Year 6

■ Information Technology
 ■ Computer Science
 ■ Digital Literacy

Unit Title	Networks *	Graphing *	Blogging *	Data Detectives *	Coding	Introduction to Python *	Spreadsheets (Microsoft, Apple & Google)	3D Modelling *
Lessons	4	4	4	4	6	4	6	4
Online Safety - Delivered throughout the year using 2BeSafe - Being Safe in a Digital World								

Additional Units	Introduction to Purple Mash *	Binary	micro:bits
Lessons	2	4	4